Contents	Reference to last Measurement
7	8

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

127124

Serial No. First/final bill:-

Name of work Repairs to existing toilet near From Jakkur in ward no:07, byatarayanapura. To

Name of Contractor of nature of Agency M/s. KRIDL.

Date of commencement of work

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Est cost:-	5.00 lakhs					
	Job code:-	007-18-000085					
	P-code:-	P3294					
	T.S.NO:-	NO·EE/BTP/AS/61/18-19, dt: 01.02.19					
	T.S.NO:-	NO·EE/BTP/TS/105/18-19; dt: 01.02.19					
	Agr no:-	NO·EE/BTP/Agr/244/18-19; dt: 28.02.19.					
	Work order no:-	NO·EE/BTP/WO/244/18-19; dt: 28.02.19					
	Work order amount:-	Rs. 497338.86/- (Including KRIDL charges).					

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.01:- Earthworks excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, not exceeding 1.5m, in depth including dressing from edges of excavation with lead upto 50m, after breaking of clods complete.,						
	location:- Public toilet near DHCC - Sahakaranagara 'E' block.						
	Qty vide page 01 no 1272/1271-70 →					20.25 cum	
	At the rate of Rs. 305.64 →						6189.21
	Item No.04:- Providing 20mm thick cement plaster in single coat with cement mortar 1:3, to stone masonry and concrete surface including rounding off corners wherever required.,						

Serial No. .....
Name of work .....
Name of Contractor of nature of A
Date of commencement of work...

Date	Full description, etc, of wor
1	2
	Qty vide page
	At the rate of
	Item No.05:- Providin
	cement mortar 1:3
	rounding off cor
	Qty vide pag
	At the rate o

	Contents 7	Reference to last Measurement 8
of	buildings, water	
ts	either in pits or in	
ding	1.5m, in depth	
n	with lead upto 50m,	
	rganagara 'E' block.	
05		
5 cum		
		6189.21
ter	in single coat	
	and concrete surface	
equired.,		

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

127125

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Qty vide page no. 1272		127170	→ 83.588 sqm			
	At the rate of Rs. 279.72 →						23379.00
Item. No. 05:-	Providing 12mm thick cement plaster in single coat with cement mortar 1:3 to stone masonry and concrete surface including rounding off corners wherever required.,						
	Qty vide page no. 1272		127171	→ 56.05 sqm			
	At the rate of Rs. 208.44 →						11683.06

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item.NO.09:- Providing and fixing chlorinated polyvenyl chloride (CPVC) pipes conforming to IS:15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings.,						
	Qty vide page no. 1272/127171 →				30.000		
	At the rate of Rs. 135.00 →						4050.00
	Item.NO.13:- Constructing brick masonry inspection chamber 455x610mm, and 450mm depth (clear inside dimension) for single pipeline, using table moulded non-modular bricks of class designation 50 in cement mortar 1:5, C.I cover with frame.,						
	Qty vide page no. 1272/127171 →				02nos.		
	At the rate of Rs. 7604.28 →						15208.56

Serial No. .....

Name of work .....

Name of Contractor of nature of Ag

Date of commencement of work....

Date	Full description, etc, of work
1	2
	Item.NO.18:- Proiding pipes of 6kg/cm2 including lowering perfect linking a type with all lab
	Qty vide pag
	At the rate of

th	Contents 7	Reference to last Measurement 8
		yvenyl chloride (CPVC)
		nal stability for hot and
		and brass threaded
		4050.00
		ion chamber 455x610mm,
		or single pipeline, using
		ess designation 50 in
		E.
		15208.56

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08

127126

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.18:- Providing and installing at site of works 63mm (0.662) PVC pipes of 6kg/cm² including cost of pipes and specials and labour, including lowering into trenches, laying true to line, level and perfect linking at joints leak proof jointing of approved type with all labour and lift charges.,						
	Qty vide page no. 1272/127171 →				45.0m		
	At the rate of Rs. 368.88 →						16599.60

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.19:- Refilling available earth around pipe lines, cables in layers not exceeding 20cms in depth, compacting each deposited layer by ramming after watering with lead upto 50m & lift upto 1.5m.,						
	Qty vide page no. 1272/ 127172 →					20.25 cum	
	At the rate of Rs. 80.56 →						1631.34
	Item No.02:- Providing and fixing M.S grill work for windows and ventilators weighing 21 kg/sqm using M.S. flats or MS. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and cost of materials, fixtures, labours and HOM of machinery complete;						
		08	0.90	-	0.60	= 4.32 kg	
	At the rate of Rs. 84.24 →						363.92

Serial No. .....
Name of work .....
Name of Contractor of nature of A
Date of commencement of work...

Date	Full description, etc, of wor
1	2
	Item No.05:- PVC-door s rigid PVC extruded thickness of 10mm and groove lock
	At the rate
	Item No.06:- Providi waterproof ceme an even shade o

	Contents 7	Reference to last Measurement 8
	Lines, cables in layers	
	deposited layer by	
	to lift upto 1.5m.)	
		1631.34
	for windows and	
	S. flats or MS. square	
	are rods as per	
	steel sections and	
	of machinery complete)	
	= 4.32 kg	363.92

M. A. R. 57 (Rule 116)

Measurement Book

No. C/08

Serial No. 127127

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item.No.05:- PVC-door shutter: supply and fixing of door shutter made of rigid PVC extruded hollow section of 20mmx 200mm with wall thickness of 10mm+ 0.1mm equally divided into 4nos with tongue and groove locking arrangements						
		05	0.60	-	1.80	= 5.40 sqm	
							10264.32
	At the rate of Rs. 1900.80 →						
	Item.No.06:- Providing and finishing external walls in two coats with waterproof cement paint of approved brand and shade to give an even shade after throughly brooming the surface to remove all						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	dirt and loose powdered material, free from mortar drops & others.,						
	Toilet-1	02	5.0	-	3.0	= 30.0	
		02	2.35	-	3.0	= 14.10	
	Toilet-02	02	5.0	-	3.0	= 30.0	
		02	2.30	-	3.0	= 14.10	13.80
	Inside:-						
	Toilet-1	02	5.0	-	2.70	= 27.0	
		02	2.35	-	2.70	= 12.69	
	Toilet-2	02	5.0	-	2.70	= 27.0	
		02	2.30	-	2.70	= 12.42	
	Ceiling:-						
	Toilet-1	01	5.0	-	2.35	= 11.75	
						178.76	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency

Date of commencement of work.....

Date	Full description, etc, of work	Nu
1	2	
	Toilet-2	
	Deductions:-	
	Doors:-	
	Ventilators:-	
	Qty Ltd to.	
	At the rate	

	Contents 7	Reference to last Measurement 8
	rom mortar drops &	
=	30.0	
=	14.10	
=	30.0	
=	14.10	13.80
=	27.0	
=	12.69	
=	27.0	
=	12.42	
5 =	11.75	
	178.76	

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 127128

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions: Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Toilet -2	01	5.0	-	2.35 =	11.75	
						190.81 sqm	190.51
	Deductions:-						
	Doors:-	05	0.6	-	1.80 =	5.40	
	Ventilators:-	08	0.90	-	0.60 =	4.32	
						-9.72 sqm	
					=	181.09 sqm	
	Qty ltd to 46.92 sqm					180.79	
	At the rate of Rs. 45.36 →						2128.29

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item No.07:- Providing ceramic tiles of approved make, shade and size for flooring treads of steps and landings., laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.,						
	Toilet-1	01	4.90	–	1.0	= 4.90	
	Toilet-2	01	4.90	–	1.0	= 4.90	
	Urinal area-	01	2.0	–	0.6	= 1.20	
		01	23.0	–	5.0	= 115.0	
	Qty ltd to	124.82 sqm				1260 sqm	
	At the rate of Rs. 1272.24 →						158801.00

Serial No. .....
Name of work .....
Name of Contractor of nature
Date of commencement of wo

Date	Full description, etc, of
1	2
	Item No.08:- Providing floors, treads cement mortar colour pigment, as per specifica Toilets Urinals
	At the rate

th	Contents 7	Reference to last Measurement 8
	ed make, shade and dings., laid on a bed of pointing with white ost of materials, labour,	
	= 4.90	
	= 4.90	
	= 1.20	
	= 115.0	
	1260 sqm	158801.00

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 127129

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Item No 08:- Providing ceramic tiles of approved make, shade and size for floors, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications. 6mm th:						
	Toilets	05	4.9	-	0.85	= 20.83	
	Urinals	01	2.30	-	1.60	= 3.76	3.68
						24.59 sqm	
						24.51	
	At the rate of Rs. 999.00 →						24565.41
							24485.00

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Item.No.10:- Providing white vitreous china clay indian pattern squatting urinals with white glazed foot rests of approved quality.)						
		03	-	-	-	= 03nos.	
	At the rate of Rs. 1047.60 →						3142.80
	Item.No.11:- Providing and CI Nahani trap., of approved quality.)						
		03	-	-	-	= 03nos	
	At the rate of Rs. 307.80 →						923.40
	Item.No.12:- Providing and fixing in position brass bib cock of approved quality of 15mm nominal bore including cost of all materials, labour and hire of equipments.)						
		05	-	-	-	= 05nos	
	At the rate of Rs. 249.48 →						1247.40

Serial No. .....

Name of work .....

Name of Contractor of nature o

Date of commencement of wor

Date	Full description, etc, of
1	2
	Item.No.14:- Providin eloset.)
	At the rate
	Item.No.16:- Providi storage tanks -ments, makin over flow pipes

ontents 7	Reference to last Measurement 8
pattern equatting quality.)	
3nos.	3142·80
proved quality.)	
3nos	923·40
ass bib cock of ing cost of all	
nos	1247·40

M. A. R. 57 (Rule 116) No. C/08

Measurement Book

Serial No. 127130

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No.14:- Providing and fixing white vitreous china clay, water closet.)	05	-	-	-	= 05nos	
	At the rate of Rs. 5540·40 →						27702·00
	Item No.16:- Providing and placing on terrace, polyethylene water storage tanks with manhole lid and suitable locking arrange-ments, making holes of suitable diameter for inlet, outlet & over flow pipes, including cost of all materials, labour, complete						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		02	–	–	–	= 02nos	
	At the rate of Rs. 9144.36 →						18288.72
	Item.No.17:- Providing and finishing external walls in two coats over one coat of 100% acrylic silicon glazed primer with antifugal paint for top coat of approved brand and shade after throughly brooming the surface to remove all dirt and loose powdered material.						
	Ventilators:	08	0.90	–	0.75	= 5.40	
	Grill door:-	01	1.80	–	0.90	= 1.62	
						7.02 sqm	
	At the rate of Rs. 163.08 →						1144.82

Serial No. .....
Name of work .....
Name of Contractor of nature o
Date of commencement of wor

Date	Full description, etc, of w
1	2
	Item.No.9(B):- Providin pipes conforming
	At the rate
	Item.No.9(c):-
	At the rate

	Contents 7	Reference to last Measurement 8
	= 02 nos	
		18288.72
l	walls in two coats	
d	primer with artifugal	
d	shade after	
	all dirt and loose	
	= 5.40	
	= 1.62	
	7.02 sqm	
		1144.82

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08
127131

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Item No. 9(B)- Providing and fixing chlorinated poly vinyl chloride (CPVC) pipes confirming to IS 15778,						
		01	30.0	-	-	= 30.0m	
	At the rate of Rs. 178.20 →						5346.00
	Item No. 9(C):-	01	30.0	-	-	= 30.0m	
	At the rate of Rs. 232.20.						6966.00

Clerk
Dep 2.1.19

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				Subtotal =	339624.85		339545.00
	Add 12% GST charges:			40754.98			10186.35
	Add 3% KRIDL charges:			10188.75			3395.45
	Add 1% labour cess:			3396.25			
	Grand total=				393964.82		353126.80

Verified.
A.E.(Mech.)

Recd. 21/12/19

Serial No. .....
Name of work .....
Name of Contractor of nature of
Date of commencement of work

Date	Full description, etc, of w
1	2
	Certificate:-
	Certified that
	A.E.(Mech.)

Depth 6	Contents 7	Reference to last Measurement 8
339624·85		339545·00
8		—
5		10186·35
5		3395·45
64·82		353126·80
LLY.N.D		
AE(HT)		
21/12/19		

M. A. R. 57 (Rule 116)
Measurement Book

No. C/08
127132

Serial No. .....

Name of work ..... From..... To.....

Name of Contractor of nature of Agency .....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions				Contents 7	Reference to last Measurement 8
		Number 3	Length 4	Breadth 5	Depth 6		
	Certificate:-						
1	Certified that contractor as done the works satisfactorily.						
	Th/nLLY.N.D AE(HT)						

1st & Final

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	ಲೆಕ್ಕತೀರ್ಪಿಕೆ P3294 - 14th Finance ರಡಿ				TTB	353126	
	ಬಿಲ್ಲು ಮೊಬಲಗು ರೂ. 353126/- ಗಳನ್ನು ಪಾವು ಮಾಡಿದೆ.				It	~~353127~~ 1063 ಮಾ.	
	ಇದರಲ್ಲಿ ರೂ. 34331/- ಗಳನ್ನು ಹೊಂದಾಣಿಕೆ				CGST	3153	
	ಮಾಡಿಕೊಂಡು ರೂ 318795/- ಗಳನ್ನು				SGST	3153	
					LC	354	
	FT/NEFT/RTGS ಮುಖಾಂತರ ಪಾವತಿಸಿದೆ				FSD	~~12607~~ 14126 ಮಾ	
	ವಿಷಯ ನಿರ್ವಾಹಕರು ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ಬೃಹತ್ ಬೆಂಗಳೂರು ಮಹಾನಗರ ಪಾಲಿಕೆ ಬೃಹತ್ ಯೋಜನೆಗಳ ವಿಭಾಗ ಬೃಹತ್ ಬೆಂ.ಮ.ಪಾ. ಬೆಂಗಳೂರು				CR	600	
					Fine	2350	
					Ded:	34331	
					Cheque	318795	

Serial No. .....

Name of work .....

Name of Contractor of nature

Date of commencement of wo

Date	Full description, etc, of
1	2